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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/825,951	04/16/2004	Douglas Alan Martin	213828003US10	8206

25096 7590 06/06/2005

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EXAMINER

SHAPIRO, JEFFERY A

ART UNIT PAPER NUMBER

3653

DATE MAILED: 06/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/825,951

Applicant(s)

MARTIN ET AL.

Examiner

Jeffrey A. Shapiro

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 19 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 68-84 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 68-84 is/are rejected.
- 7) ☒ Claim(s) 84 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>11/16/04</u> . | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Objections***

1. Claim 84 is objected to under 37 CFR 1.75(c), as being of improper dependent form for failing to further limit the subject matter of a previous claim. Applicant is required to cancel the claim(s), or amend the claim(s) to place the claim(s) in proper dependent form, or rewrite the claim(s) in independent form. The claim is a duplicate of Claim 75.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 68, 69, 75 and 84 are rejected under 35 U.S.C. 102(e) as being anticipated by Jones et al (US 6,778,693 B2).

Jones discloses an automated teller device (ATM) (see col. 1, lines 24-27) with a bulk coin input area (6), a coin sensor (1710) including a magnetic core defining a gap through which coins move (see figures 64-67B), a processing device (1750) which receives coin data from the coins sensor (see figures 67A and 67B and col. 77, lines 17-19 and 45-57). Jones also discloses a communication facility connected to said processing device, through CPU(30) to a bank accounting system, the bank accounting

system comprising a central computer which communicates with disparate ATMs. See Jones, col. 1, lines 24-67. Note that coin totals, which are transmitted to the bank's accounting system, are considered coin data, for example.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 70 and 71 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jones et al (US 6,778,693 B2) in view of Heath, Jr (US 5,321,242).

Jones discloses the automated teller device as described in paragraph 3, above.

Jones does not expressly disclose, but Heath discloses an ATM system whereby a service organization causes a service call to be initiated in response to data received from said communication facility. See Heath, col. 2, lines 40-47, col. 3, lines 1-7, col. 4, lines 55-67, col. 5, lines 3-14 and col. 16, lines 25-35.

Both Jones and Heath are considered analogous art as Jones concerns an ATM and Heath concerns a system handling service calls to ATMs.

At the time of the invention, it would have been obvious to one ordinarily skilled in the art to have connected Jones' networked ATMs to a dispatch computer, as taught by Heath, so as to precipitate service technicians to service ATMs which require servicing.

The suggestion/motivation would have been to service ATMs. See, for example, Heath, col. 2, lines 40-47.

6. Claims 72-74 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jones et al (US 6,778,693 B2) in view of Bower (US 3,048,251).

Jones discloses the automated teller device as described above. Jones does not expressly disclose, but Bower discloses a movable cleaning device (17) in the form of a moving drum with holes dispersed throughout so as to allow coins to move through said cleaning device while letting spurious matter fall through the holes. See Bower, fig. 2.

Both Jones and Bower are considered analogous art as Jones concerns an ATM having a bulk coin inlet and Bower concerns a device to clean coins after they have been deposited in a bulk coin inlet.

At the time of the invention, it would have been obvious to one ordinarily skilled in the art to have connected Jones' bulk coin inlet to Bower's perforated coin drum.

The suggestion/motivation would have been to clean bulk coins of any spurious matter, as one ordinarily skilled in the art would have recognized from Bower's figure 2, which illustrates Bower's drum (17) having holes in it, and through which coins are caused to pass to separating channel (12) and sorting chamber (13).

7. Claim 76 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jones et al (US 6,778,693 B2) in view of Tateno et al (US 4,836,352) and further in view of Wolfberg et al (US 5,745,706).

Jones discloses the automated teller device as described in paragraph 3, above.

Jones does not expressly disclose, but Tateno discloses a voucher issuing means (88, 92) to a user in return for currency. See Tateno, abstract, last three lines, ol. 2, lines 40-47, col. 4, lines 20-27, col. 6, lines 3-16, col. 9, lines 24-29 and figure 4D.

Both Jones and Tateno are considered analogous art as Jones concerns an ATM which accepts deposits in the form of coins and bills and Tatano concerns a system of issuing a voucher for currency deposited.

Both Jones and Wolfberg are considered analogous art as they both concern handling monetary transactions.

At the time of the invention, it would have been obvious to one ordinarily skilled in the art to have used Tatano's voucher printer and issuing means in Jones' networked ATMs to issue a voucher for deposited coins or bills, as taught by Tatano.

The suggestion/motivation would have been to issue the depositor/customer a receipt for the currency deposited so that the customer has a record of said deposit. Further, note that Wolfberg describes vouchers as one of several forms of monetary transactions. See Wolfberg, col. 5, lines 1-10. Note that one ordinarily skilled would find it obvious to use vouchers to represent deposited coins or bills as they are functional equivalent representations of monetary transactions.

Claim 76 is rejected under 35 U.S.C. 103(a) as being unpatentable over Jones et al (US 6,778,693 B2) in view of Tateno et al (US 4,836,352) and further in view of Wolfberg et al (US 5,745,706).

8. Claims 77-80 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jones et al (US 6,778,693 B2) in view of Tateno et al (US 4,836,352) and further in view of Wolfberg et al (US 5,745,706) and still further in view of Stambler (US 5,936,541).

Jones discloses the automated teller device as described in paragraph 3, above.

Jones does not expressly disclose, but Stambler discloses a voucher encryption means for authenticating transaction documents. See Stambler, abstract and col. 3, lines 40-51.

Both Jones and Stambler are considered analogous art as Jones concerns an ATM which accepts transaction deposits in the form of coins and bills and Stambler concerns a transaction encryption system to secure transaction documents.

At the time of the invention, it would have been obvious to one ordinarily skilled in the art to have used Stambler's encryption techniques in Jones' networked ATMs to issue encoded vouchers or records of the deposit transaction, as taught by Stambler.

The suggestion/motivation would have been to prevent fraud. See Stambler, col. 1, lines 25-44.

9. Claims 81-83 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jones et al (US 6,778,693 B2) in view of Tatano, and further in view of Bower (US 3,048,251).

Jones discloses the automated teller device as described in paragraph 3, above.

Jones does not expressly disclose, but Bower discloses a movable cleaning device (17) in the form of a moving drum with holes dispersed throughout so as to allow

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coins to move through said cleaning device while letting spurious matter fall through the holes. See Bower, fig. 2.

Both Jones and Bower are considered analogous art as Jones concerns an ATM having a bulk coin inlet and Bower concerns a device to clean coins after they have been deposited in a bulk coin inlet.

At the time of the invention, it would have been obvious to one ordinarily skilled in the art to have connected Jones' bulk coin inlet to Bower's perforated coin drum.

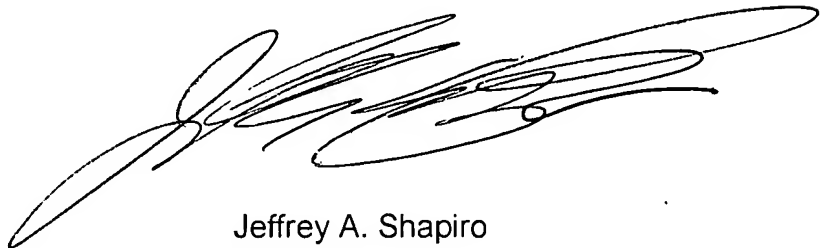
The suggestion/motivation would have been to clean bulk coins of any spurious matter, as one ordinarily skilled in the art would have recognized from Bower's figure 2, which illustrates Bower's drum (17) having holes in it, and through which coins are caused to pass to separating channel (12) and sorting chamber (13).

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey A. Shapiro whose telephone number is (571)272-6943. The examiner can normally be reached on Monday-Friday, 9:00 AM-5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Donald P. Walsh can be reached on (571)272-6944. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

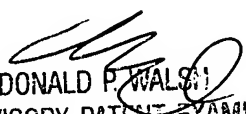


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jeffrey A. Shapiro  
Examiner  
Art Unit 3653

May 30, 2005



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